

**Building Renewal Grant Application**

**Initial Submission Date:** 8/27/2012 9:46:55 AM

**Resubmittal Date:** 9/13/2012 10:59:46 AM

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

**District Name:** Laveen Elementary District

**Superintendent:** Dr Bill Johnson

**Contact Person:** Everette Cole

**Contact Phone Number:** 602-237-9100

**Contact Email:** ecole@laveeneld.org

**School Site:** Vista Del Sur Middle School

**Buildings:** 9999 School Wide

**Description of Problem**

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Vista Del Sur Middle School is equipped with (42) Water Cooled Package Units that provide air conditioning and heating for the campus. These units work in conjunction with (2) Fluid Cooler type Cooling Towers. The towers also utilize one 20 HP external Variable Frequency Drive to operate the water pumps. According to our District records, the Cooling Towers were installed on January 31, 1997. Since then they have become severely deteriorated. The water tube bundles are collapsing and corroded to the point where they are no longer dissipating the necessary amount of heat transfer for the Water Cooled Package Units to adequately cool the school classrooms and office spaces. According to the Az School Facilities Board, dated June 5, 2003, the average life cycle for Water Cooled Package Units is 10-20 years and the average life cycle for a Cooling Tower is 10 - 20 years. The Cooling Towers and Water Cooled Package Units were installed almost 17 years ago and therefore are at the end of their life cycle. Water Treatment and periodic preventative maintenance have been performed regularly on the Cooling Towers since they have been in service. If we do not receive new Cooling Towers we will not be able to provide a comfortable learning and working environment for our students, teachers and staff. A copy of the quote for the Cooling Towers as well as the labor to install them is attached to this Grant application.

**Project Category:** HVAC

**Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school?** N

**Available Funding**

## Building Renewal Grant Application

Available Funding Source	Amount
Current unencumbered building renewal fund balance (Fund 690):	\$0.00
Amount of Local funds planned for this project	\$0.00

Please outline any associated insurance coverage.

In accordanc with our Insurance policy, appendix A.3 Section 15.2 Perils Excluded, loss caused by or resulting from wear and tear to covered property is not covered. Therefore, the District must cover this expense themselves.

**Liaison:** Cruse

pcruse@azsfb.gov

602-364-1193

\_\_\_\_\_  
Superintendent Printed Name

\_\_\_\_\_  
Superintendent Signature

\_\_\_\_\_  
Date